10/797, 220

Document No. Date Name Class Subclass Appropriate							Sne	eet 1 of	
FOR APPLICANT'S INFORMATION			·	ICATIONS					
CONCURRENTS U.S. PATENT DOCUMENTS Filt Date		APPI	LICANT'S INFORM	ATION					
EXAMINER INITIAL Document No. Date Name Class Subclass Approprion CEC AA 4,654,802 03/31/87 Davis 354 593 AB 4,930,576 06/05/90 Berryman et al. 166 308 AC 4,989,987 02/05/91 Berryman et al. 366 68 AD 5,026,168 06/25/91 Berryman et al. 366 68 AE 5,114,239 05/19/92 Allen 366 6 AF 5,190,374 03/02/93 Harms et al. 366 6 AG 5,289,877 03/01/94 Naegele et al. 366 66 AG 5,289,877 03/01/94 Naegele et al. 366 66 AI 5,382,411 01/17/95 Allen 32 31 AI 5,426,137 06/20/95 Allen 32 31 AI 5,426,137 06/20/95 Allen 523 318 CEC AK 5,570,743 11/05/96 Padgett et al. 366 308 FOREIGN PATENT DOCUMENTS CEC AL WO 02/44517 06/06/02 PCT AN DP 402171213 07/02/90 Japan D2000 50150137 X (abstration of the control of the	(Use sev	vera)	l sheets if nec	essary)		FILING DATE GROUP CONCURRENTLY herewith unknown			
Document No. Date Name Class Subclass Appropriate				C	.S. PATENT DOCUM	ENTS			
Name								Filing	
CEC AA 4,654,802 03/31/87 Davis 344 502 AB 4,930,576 06/05/90 Berryman et al. 166 300 AC 4,989,987 02/05/91 Berryman et al. 366 65 AD 5,026,168 06/25/91 Berryman et al. 366 168 AE 5,114,239 05/19/92 Allen 366 165 AG 5,289,877 03/01/94 Naegele et al. 366 165 AG 5,289,877 03/01/94 Naegele et al. 366 165 AH 5,382,411 01/17/95 Allen 433 131 AI 5,426,137 06/20/95 Allen 529 318 AJ 5,522,459 06/04/96 Padgett et al. 366 385 CEC AK 5,570,743 11/05/96 Padgett et al. 366 385 CEC AK 5,570,743 11/05/96 Padgett et al. 366 385 CEC AM JP 402171213 07/02/90 Japan 2200 05/06/94 00 00 0019/94 AN AO AP OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) CEC AS SPE 71402 paper entitled "Innovative Solution For Cementing Across Formations With Very Low Fracture Gradients" by Christian Hun et al								Date if	
AB 4,930,576 06/05/90 Berryman et al. 166 300 AC 4,989,987 02/05/91 Berryman et al. 366 65 AD 5,026,168 06/25/91 Berryman et al. 366 169 AE 5,114,239 05/19/92 Allen 366 6 AF 5,190,374 03/02/93 Harms et al. 366 166 AG 5,289,877 03/01/94 Naegele et al. 366 205 AH 5,382,411 01/17/95 Allen 433 131 AI 5,426,137 06/20/95 Allen 523 318 AJ 5,522,459 06/04/96 Padgett et al. 166 205 CEC AK 5,570,743 11/05/96 Padgett et al. 166 205 FOREIGN PATENT DOCUMENTS CEC AL WO 02/44517 06/06/02 PCT 8218 39/13 X CEC AL WO 02/44517 06/06/02 PCT 8218 39/13 X CEC AL WO 02/44517 06/06/02 PCT 8218 39/13 X CEC AN JP 402171213 07/02/90 Japan 82000 0010013/ AN (abstrational contents) AN AO AP OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) CEC AR SPE 71402 paper entitled "Innovative Solution For Cementing Across Formations With Very Low Fracture Gradients" by Christian Hun et al	INITIAL		Document No.		Name	Clas	ss Subclass	Appropriate	
AC 4,989,987 02/05/91 Berryman et al. 366 68 AD 5,026,168 06/25/91 Berryman et al. 366 168 AE 5,114,239 05/19/92 Allen 366 6 AF 5,190,374 03/02/93 Harms et al. 366 166 AG 5,289,877 03/01/94 Naegele et al. 366 285 AH 5,382,411 01/17/95 Allen 423 131 AI 5,426,137 06/20/95 Allen 593 318 AJ 5,522,459 06/04/96 Padgett et al. 366 386 CEC AK 5,570,743 11/05/96 Padgett et al. 366 386 FOREIGN PATENT DOCUMENTS CEC AL WO 02/44517 06/06/02 PCT 821B 33/13 X CEC AM JP 402171213 07/02/90 Japan 820C 3013013/ X AN AO AO AP OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) CEC AR SPE 71402 paper entitled "Innovative Solution For Cementing Across Formations With Very Low Fracture Gradients" by Christian Hun et al	CEC	AA	4,654,802	03/31/87	Davis	36	503		
AD	1	AB	4,930,576	06/05/90	Berryman et al.	160	300		
AE		AC	4,989,987	02/05/91	Berryman et al.	364	65	 	
AF 5,190,374 03/02/93 Harms et al. 366 166 AG 5,289,877 03/01/94 Naegele et al. 166 205 AH 5,382,411 01/17/95 Allen 433 131 AI 5,426,137 06/20/95 Allen 523 318 AJ 5,522,459 06/04/96 Padgett et al. 166 305 CEC AK 5,570,743 11/05/96 Padgett et al. 166 305 CEC AK 5,570,743 11/05/96 Padgett et al. 166 305 FOREIGN PATENT DOCUMENTS CEC AL WO 02/44517 06/06/02 PCT 221B 33/13 X CEC AM JP 402171213 07/02/90 Japan D2000 0010013/ X (abstra only) AN AO AP OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) CEC AR SPE 71402 paper entitled "Innovative Solution For Cementing Across Formations With Very Low Fracture Gradients" by Christian Hun et al		AD	5,026,168	06/25/91	Berryman et al.	36	168		
AG 5,289,877 03/01/94 Naegele et al. 166 205 AH 5,382,411 01/17/95 Allen 433 131 AI 5,426,137 06/20/95 Allen 593 318 AJ 5,522,459 06/04/96 Padgett et al. 166 305 CEC AK 5,570,743 11/05/96 Padgett et al. 166 305 FOREIGN PATENT DOCUMENTS Document No. Date Country Class Subclass Yes Yes CEC AM JP 402171213 07/02/90 Japan B2000 9010013/ A (abstraonly) AN AO AP OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) CEC AR SPE 71402 paper entitled "Innovative Solution For Cementing Across Formations With Very Low Fracture Gradients" by Christian Hun et al	- 	AE	5, 114, 239	05/19/92	Allen	361	5 6		
AG 5,289,877 03/01/94 Naegele et al. 166 205 AH 5,382,411 01/17/95 Allen 433 131 AI 5,426,137 06/20/95 Allen 593 318 AJ 5,522,459 06/04/96 Padgett et al. 166 305 CEC AK 5,570,743 11/05/96 Padgett et al. 166 305 FOREIGN PATENT DOCUMENTS Document No. Date Country Class Subclass Yes Yes CEC AM JP 402171213 07/02/90 Japan 82000 9010013/ A (abstraonly) AN AO AP OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) CEC AR SPE 71402 paper entitled "Innovative Solution For Cementing Across Formations With Very Low Fracture Gradients" by Christian Hun et al		AF	5,190,374	03/02/93	Harms et al.	364	165		
AH 5,382,411 01/17/95 Allen 433 131 AI 5,426,137 06/20/95 Allen 539 318 AJ 5,522,459 06/04/96 Padgett et al. 166 385 CEC AK 5,570,743 11/05/96 Padgett et al. 166 385 FOREIGN PATENT DOCUMENTS Document No. Date Country Class Subclass Yes Yes Subclass Yes Allen FOREIGN PATENT DOCUMENTS CEC AL WO 02/44517 06/06/02 PCT 821B 33/13 X CEC AM JP 402171213 07/02/90 Japan 82000 3013013/ (abstraonly) AN AO AP OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) CEC AR SPE 71402 paper entitled "Innovative Solution For Cementing Across Formations With Very Low Fracture Gradients" by Christian Hun et allength Article entitled "Light as a Feather, Hard as a Rock" by		AG		<u> </u>	Naegele et al.	160	285		
AI		AH		I	L				
AJ				1 1 1 1	7.1-1-1				
Document No. Date Country Class Subclass Yes				1			, , , , , ,		
Translate Document No. Date Country Class Subclass Yes CEC AL WO 02/44517 Al Of/06/02 PCT Al Determine	OBO			l					
Document No. Date Country Class Subclass Translate CEC AL WO 02/44517 06/06/02 PCT	CEC	1	3/3/0//43	111/03/30	radycee et al.	1 20		Ι	
CEC AL WO 02/44517 06/06/02 PCT Al WO 02/44517 07/02/90 Japan CEC AM JP 402171213 07/02/90 Japan AN AO AP CTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) CEC AR SPE 71402 paper entitled "Innovative Solution For Cementing Across Formations With Very Low Fracture Gradients" by Christian Hun et al				FORE	EIGN PATENT DOCUM	ENTS			
CEC AL WO 02/44517 06/06/02 PCT 821B 33/13 X CEC AM JP 402171213 07/02/90 Japan 82000 6016013/ (abstrational control of the second of the sec								Translation	
CEC Al JP 402171213 07/02/90 Japan B2000 G016013/ X (abstra only) AN AO AP OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) CEC AR SPE 71402 paper entitled "Innovative Solution For Cementing Across Formations With Very Low Fracture Gradients" by Christian Hun et al			Document No.	Date	Country	Clas	ss Subclass	Yes No	
CEC Al JP 402171213 07/02/90 Japan B2000 0010013/ X (abstra only) AN AO AP OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) CEC AR SPE 71402 paper entitled "Innovative Solution For Cementing Across Formations With Very Low Fracture Gradients" by Christian Hun et al		7.7	WO 02/44517	06/06/03	DCT.		22/22	 , 	
CEC AR (Including Author, Title, Date, Pertinent Pages, Etc.) OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) CEC AR SPE 71402 paper entitled "Innovative Solution For Cementing Across Formations With Very Low Fracture Gradients" by Christian Hun et al	CEC	الم		00,00,02	101	0210	33/13	7 ^	
CEC AN (abstra only) AN (abstra only) AN (abstra only) AN (AD (abstra only) AN (AD (abstra only) AN (AD (abstra only) AN (Apstra only) AP (abstra only) AN (abstra only)		AM	JP 402171213	07/02/90	Japan	520c	0 0010013/	. x	
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) CEC AR SPE 71402 paper entitled "Innovative Solution For Cementing Across Formations With Very Low Fracture Gradients" by Christian Hun et al AS Article entitled "Light as a Feather, Hard as a Rock" by	CEC						.	(abstract	
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) CEC AR SPE 71402 paper entitled "Innovative Solution For Cementing Across Formations With Very Low Fracture Gradients" by Christian Hun et al AS Article entitled "Light as a Feather, Hard as a Rock" by		AN							
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) CEC AR SPE 71402 paper entitled "Innovative Solution For Cementing Across Formations With Very Low Fracture Gradients" by Christian Hun et al AS Article entitled "Light as a Feather, Hard as a Rock" by		AO			· ·				
CEC AR SPE 71402 paper entitled "Innovative Solution For Cementing Across Formations With Very Low Fracture Gradients" by Christian Hun et al Article entitled "Light as a Feather, Hard as a Rock" by		AP							
CEC AR SPE 71402 paper entitled "Innovative Solution For Cementing Across Formations With Very Low Fracture Gradients" by Christian Hun et al AS Article entitled "Light as a Feather, Hard as a Rock" by	OTHE	ER AI	RT (Including A	uthor, Ti	tle, Date, Pertin	ent Pages,	Etc.)		
Formations With Very Low Fracture Gradients" by Christian Hun et al AS Article entitled "Light as a Feather, Hard as a Rock" by	CEC	AR	SPE 71402 p	SPE 71402 paper entitled "Innovative Solution For Cementing Across					
AS Article entitled "Light as a Feather, Hard as a Rock" by			Formations	With Very	Low Fracture Gra	dients" b	y Christian H	un et al., 20	
Abdullah Al-Suwaidi et al., pages 2 - 15. Oilfield Review, Summer 2	CRC	AS	Article ent	itled "Li	ght as a feather,	Hard as	a Rock" by		
The second of th	CEC		Abdullah Al	l-Suwaidi	et al., pages 2 -	- 15, Oilf	ield Review,	Summer 2001.	
AT		AT							
EXAMINER DATE CONSIDERED	EXA	MINE	R /(2)1	P. Coole	DAT	E CONSIDE	RED 09/20/2	006	
/Charles E. Cooley/ 08/20/2006			/ Cuartes	E. COOLE	Y/		08/20/2	VU:0	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

10/797,220

Sheet 2 of 3 FORM PTO-1449 (Modified) ATTY. DOCKET NO. SERIAL NO. 2003-IP-009653U1 unknown LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION APPLICANT DISCLOSURE STATEMENT Alan B. Duell et al. (Use several sheets if necessary) FILING DATE GROUP concurrently herewith unknown U.S. PATENT DOCUMENTS Filing EXAMINER Date if INITIAL Document No. Date Name Class Subclass Appropriate AΑ 4,353,482 10/12/82 Tomlinson et al. 222 CEC AB 5,775,803 07/07/98 Montgomery et al. AC 366 5,538,341 07/23/96 Padgett et al. AD 5,537,914 07/23/96 | Gibney et al. 23.2 ΑE 5,046,855 09/10/91 Allen et al. 366 366 AF 4,976,546 12/11/90 | Beattie AG 4,881,819 11/21/89 Blees 366 4,490,044 AH 12/25/84 | Saito et al. 366 ΑI 266 4,488,815 12/18/84 Black AJ 3,563,517 02/16/71 | Harriman 06/25/91 Pitts et al. AK 5,027,267 CEC FOREIGN PATENT DOCUMENTS Translation Document No. Date Country Class Subclass Yes No AM AN AO OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) AR AS AT EXAMINER DATE CONSIDERED /Charles E. Cooley/ 08/20/2006

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

10/797, 220

							She	et <u>3</u>	of _
İ		19 (Modified)	TORMIONO.		OCKET NO. P-009653U1		SERIAL NO. unknown		
	APPI	ATENTS AND PUBL JICANT'S INFORM CLOSURE STATEME	ATION	APPLICANT Alan B. Duell et al.					
(Use se	veral	sheets if nec	essary)		FILING DATE GROUP concurrently herewith unknown			17.27	3
			C	J.S. PATE	NT DOCUMENTS				
EXAMINER INITIAL		Document No.	Date		Name	Class	Subclass	Filino Date i Appropri	£
CEC	AA	5,365,435	11/15/94	Stephen		369	920	Appropri	ace
	AB	5,320,425	06/14/94		son et al.	366	120		
	AC	4,003,431	01/18/77	Novotny	•	100	250		
	AD	US	04/17/03	Rondeau		366	16		
		2003/0072208 A1	101717703	Nondead	ći ii.	300		,	
	AE	US 2002/0093875 Al	07/18/02	Rondeau	et al.	366	8		
CEC	AF	US 2003/0161211 A1	08/28/03	Duell e	t al.	366	8		
	AG					 			
	AH			<u> </u>		1			
	AI		 	 		 			
	AJ					 			
	AK		 	1		1	 		
			FORI	EIGN PATE	NT DOCUMENTS		!		
		Document No.	Date		Country	Class	Subclass	Translat Yes N	ion
	AL		 	 		1			
	AM			 					
	AN					T	 		
• • • • • • • • • • • • • • • • • • • •	AO					-			
	AP			† — — —		†			
		20 47 3 34						L	
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)									
				~~					—
AS									
	AT								
			·						
EXA	EXAMINER DATE CONSIDERED 08/20/2006								
2022142122									

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PTO/SB/08A (07-05)

Approved for use through 07/31/2008. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

r the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known

Substitute for form 1449/PTO

Sheet 1

ALES 1 9 2005

The same

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

, 00.				
Application Number	10/797,220			
Filing Dale	03/10/2004			
First Named Inventor	Alan B. Duell	,		
Art Unit	3672 1723			
Examiner Name	unknown			
Attorney Docket Number	2003-IP-009653U1			

Examiner Cite Initials No.	Cite	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
	NO.	Number-Kind Code ² (* troom)	M/4-00-1111	Appacant of Cited Document	Figures Appear
CEC	1	^{US-} 4,370,885	02/01/1983	Alekhin, et al.	
		US-			
		US-			
. 1		US-			
	ļ	US-			
		US-			
		US-	1		
	_	US-			

Examiner	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pagas, Columns, Lines,	Γ
initials*	No.	Country Code ² "Number ⁴ "Kind Code ⁸ (<i>if known</i>)	MW-DD-AAAA	Applicant of Cited Document	Where Relevant Passages Or Relevant Figures Appear	1
CEC	1	EP 0 419 281 A2	03/27/1991	Allen, Thomas E.		
CEC	2	DE 19 21 681 A1	11/05/1970	Foth, Dipling. Joachim		Ŀ
					-	ŀ
					 	t
						ŕ

Examiner Signature	/Charles E. Cooley/	Date Considered	08/20/2006

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant. Applicants unique citation designation number (optional). *See Kinds Codes of USPTO Petent Documents at www.uspto.gov or MPEP 901.04. ** Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ** For petent documents, the indication of the year of the reign of the Emperor must precede the sertial number of the petent document. **Skind off document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. **Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (end by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08B (07-05)

Approved for use through 07/31/2006, OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO	re required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known			
34038666 161 16/11 17767 10	Application Number	10/797,220		
INFORMATION DISCLOSURE	Filing Date	03/10/2004		
STATEMENT BY APPLICANT	First Named Inventor	Alan B. Duell		
	Art Unit	3672 1723		
(Use as many sheets as necessary)	Examiner Name	unknown		
Sheet 2 of 2	Attorney Docket Number	2003-IP-009653U1		

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.1	include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²		
CEC	. 1	Foreign communication from related counterpart application dated 07/15/2005			
		·			
		(

Examiner Signature	/Charles E. Cooley/	Date Considered	08/20/2006

^{*}EXAMINER: Initial if reference considered, whether or not distion is in conformance with MPEP 609. Draw line through citation if not in conformance and not

^{*}EXAMINER: Initial if reference considered, whether or not clation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENO FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.